

Ne
FILE

14

**Public Utilities
Commission of Ohio**

Memo

RECEIVED-DOCKETING DIV
2009 SEP 28 PM 1:33
PUCO

To: Docketing Division
From: George Martin, Grade Crossing Planner, Rail Division *HM*
Re: In the matter of the authorization of the Columbus & Ohio River Railroad to install an active grade crossing warning device in Tuscarawas County
Date: September 28, 2009

The Ohio Rail Development Commission (ORDC) has authorized funding for the Columbus & Ohio River Railroad (CUOH) to install flashing lights and roadway gates at the following location:

Tuscarawas County, Union Township, near Dennison, Pleasant Valley Rd/CR 37, DOT# 510-745W

The grade crossing was surveyed on July 22, 2009 due to its hazard ranking, and was found to warrant an upgrade.

This project will be actual cost and is 100% federally funded. Staff requests an Entry with the plan and estimate to be submitted to the Commission and ORDC within 90 days, and completion within one year. Upon approval of the plan and estimate by ORDC construction may commence. A suggested case coding and heading would be:

PUCO Case No.09- **867** -RR-FED In the matter of the authorization of the Columbus & Ohio River Railroad to install an active grade crossing warning device in Tuscarawas County

C: Legal Department

Please serve the following parties of record.

Ms Susan Kirkland

Ohio Rail Development Commission

1980 W Broad St, 2nd Floor

Columbus, Oh 43223

Mr Chris Layman

Ohio Central System

47849 Papermill Road

Coshocton, Oh 43812

Mr Joseph Bachman

Tuscarawas County Engineer

832 Front Street

New Philadelphia, Oh 44663

AEP

Legal Department

1 Riverside Plaza

Columbus, Oh 43215

OHIO RAIL DEVELOPMENT COMMISSION INTER-OFFICE COMMUNICATION

TO: George Martin, Planner, Railroad Division, PUCO
FROM: Susan Kirkland, Supervisor, Safety Section, ORDC
BY: Mike Forte', Project Manager, Safety Section, ORDC
SUBJECT: Grade Crossing Warning Device Project
Tuscarawas County, County Road 37, Pleasant Valley Rd.
Columbus & Ohio River Rail Road (CUOH)
U.S. DOT # 510 745W
DATE: September 23, 2009

You may authorize The Columbus & Ohio River Rail Road (CUOH) to proceed with the non-field work involved with the Subject project. This construction authorization is made with the stipulation and understanding that any field work needs prior approval before the work begins. This authorization is made with the stipulation and understanding that an approved estimate may contain entries for items or activities that may be cited and found to be ineligible for federal participation during the project audit.

Thank you for your assistance with these matters.

RECEIVED
PUCO OFFICES
COLUMBUS, OHIO
2009 SEP 28 AM 8:23
RAIL DIVISION



The Public Utilities Commission of Ohio

Monitoring marketplaces and enforcing rules to assure safe,
adequate and reliable utility services.

Ted Strickland, Governor
Alan R. Schriber, Chairman

Commissioners

Ronda Hartman Fergus
Valerie A. Lemmie
Paul A. Centolella
Cheryl Roberto

August 6, 2009

Mr. Chris Layman
The Ohio Central System
47849 Papermill Road
Coshocton, Oh 43812

RE: 1.) Tuscarawas County, Pleasant Valley Rd, DOT# 510-745W

Dear Mr. Layman:

The Commission has identified and surveyed the above-mentioned grade crossing to upgrade it to flashing lights and roadway gates.

The construction conditions for these projects shall comply with Agreement No. 9-A, dated May 25, 2001, entered into by the State of Ohio and the Columbus & Ohio River Railroad. These constructions shall also meet the general terms and conditions under the Transportation Equity Act of the 21st Century (TEA 21) and subsequent amendments and the State of Ohio's Federally Funded Warning Device Program.

Please indicate your acceptance of the terms and conditions of this Letter of Agreement by signing and returning one (1) copy to Mr. George Martin, Grade Crossing Planner, Railroad Division, Public Utilities Commission of Ohio, at the address listed below.

Sincerely,


Robert E. Marvin
Director of Transportation

Columbus & Ohio River Railroad

By 

Title Real Estate Supervisor

Date August 10, 2009



Diagnostic Review Team Survey

Date: 7/22/09 1030 AM

Location Data

Street or Road Name: PLEASANT VALLEY RD		
Route/Road Number (i.e. Twp., Co., SR or US) CR 37 (include SLM if State or US route)		AAR-DOT No.: 510-745 W
County: TUSCARAWAS	Township: UNION	City: (In or Near) DENNISON
Railroad Name: CUOH	Railroad Division: CENTRAL	Branch/Line Name: ML PITT-ST. L
Nearest RR Timetable Station: DENNISON		RR Milepost: 88.35

On-Site Review Team

(Include: Name - Organization - Phone Number)

1. GEORGE MARTIN PUCO 614-252-9107
2. TOOL DARTUS CRDC 614-644-0306
3. JOE BACHMAN TUSCARAWAS CO. 330-339-6648
4. DAN BIRRELL OHCR 740 295 4122
5. CHRIS LAMMAN OHCR 740-622-8092 CLK 101
- 6.
- 7.
- 8.
- 9.
- 10.

Existing Traffic Control Devices

Type of Warning Devices	Installed?		Quantity/Comments
Advance Warning Signs	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2
'Stop' Signs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
'Stop Ahead' Signs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Pavement Markings	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	1 SIDE-SIDE NEWLY PAVED
Crossbucks	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	2 BUCKLE
Number of Tracks Signs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Inventory Tags	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	1
Interconnected Highway Traffic Signal	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Mast-Mounted Flashing Lights	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Cantilever Flashing Lights	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Number: Length:
Side Lights	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Automatic Gates	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Number: Length:
Bells	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Sidewalk Gate Arms	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
'No Turn' Signs	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Illumination	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Is crossing flagged by train crew?	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	
Other	<input type="checkbox"/> Yes	<input type="checkbox"/> No	

Safety Data (Obtain crash reports, if possible, prior to review)

	Initial Information (from database)	Revised
Number & dates of crashes in previous 5 years	1 - 1/15/09	
Hazard Ranking 214	Date Run: 6/30/09	

Railroad Data

Railroad Characteristics	Initial Information (from database)	Revised
Total trains per day	5	
< 1 per day		
Day thru trains	2	
Night thru trains	3	
Daytime switching movements	0	
Nighttime switching movements	0	
Total number of tracks	1	
Number of main tracks	1	
Number of other tracks	0	
Maximum train speed	25	
Typical train speed		
Amtrak	NO	

If non-gated crossing, is clearing sight distance adequate in all quadrants? (See Table 1) ☒ Yes ☐ NoIf multiple tracks, can two trains occupy crossing at the same time? ☐ Yes ☒ NoCan one train block the motorists' view of another train at crossing? ☐ Yes (Explain below) ☒ NoAre there other track(s) crossing this same roadway within 100 ft of this crossing? ☐ Yes ☒ No

If yes, Crossing DOT #(if different) _____

If yes, distance _____ (take measurement between track centerlines at closest point along roadway)

Roadway DataLocal Highway Authority:
(Who maintains this roadway?)

TUSCARAWAS COUNTY

Roadway Characteristics	Initial Information (from database)	Revised
Average daily traffic	753 - 2007	
Highway paved	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Roadway Surface: <input checked="" type="checkbox"/> Blacktop <input type="checkbox"/> Gravel <input type="checkbox"/> Concrete <input type="checkbox"/> Other _____		
Roadway width: 32 ft.		
Number of highway lanes	2	2
Urban or Rural?	RURAL	RURAL
Vehicle Speed: 55 MPH		

School Bus Operation: ☐ No ☒ Yes _____ AmountHazardous Materials Trucks: ☐ No ☒ Yes _____ AmountShoulders: ☒ No ☐ YesIs the shoulder surfaced? ☒ No ☐ YesIs there existing guardrail along roadway in crossing vicinity? ☒ No ☐ YesIs stopping site distance adequate? (See Table 2) ☒ Yes ☐ No If no, deficient approach(es) _____

Quadrant _____ Curb and Gutter: <input type="checkbox"/> Functional (Curb height = 4" or more) <input type="checkbox"/> Non-functional (Curb height = Less than 4") <input checked="" type="checkbox"/> None	Quadrant _____ Curb and Gutter: <input type="checkbox"/> Functional (Curb height = 4" or more) <input type="checkbox"/> Non-functional (Curb height = Less than 4") <input checked="" type="checkbox"/> None
Pedestrians: <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Is sidewalk present? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Is there a nearby intersection that could cause queuing over the crossing? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes If yes, Distance _____ MT. BETHEL IS WITHIN 30 FEET, BUT WILL NOT CAUSE QUEUING.	
Is this intersection signalized? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Are the signals currently interconnected with the existing crossing warning devices? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes	
Is it the consensus of the Diagnostic Review Team that this is a potential closure project? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes Explain reasons:	

Type of Development

- | | |
|--|---|
| <input checked="" type="checkbox"/> Open Space
<input type="checkbox"/> Industrial
<input checked="" type="checkbox"/> Residential | <input type="checkbox"/> Institutional
<input type="checkbox"/> Commercial |
|--|---|

Location of nearby schools:

WITHIN 2 MILES - IN DENNISON

Utility Information

Is commercial power available? ☐ No ☒ Yes

Utility Provider (Company Name) AEP

Phone Number _____

Nearest Available Power Source AT XING

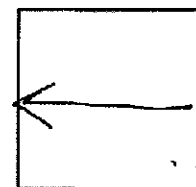
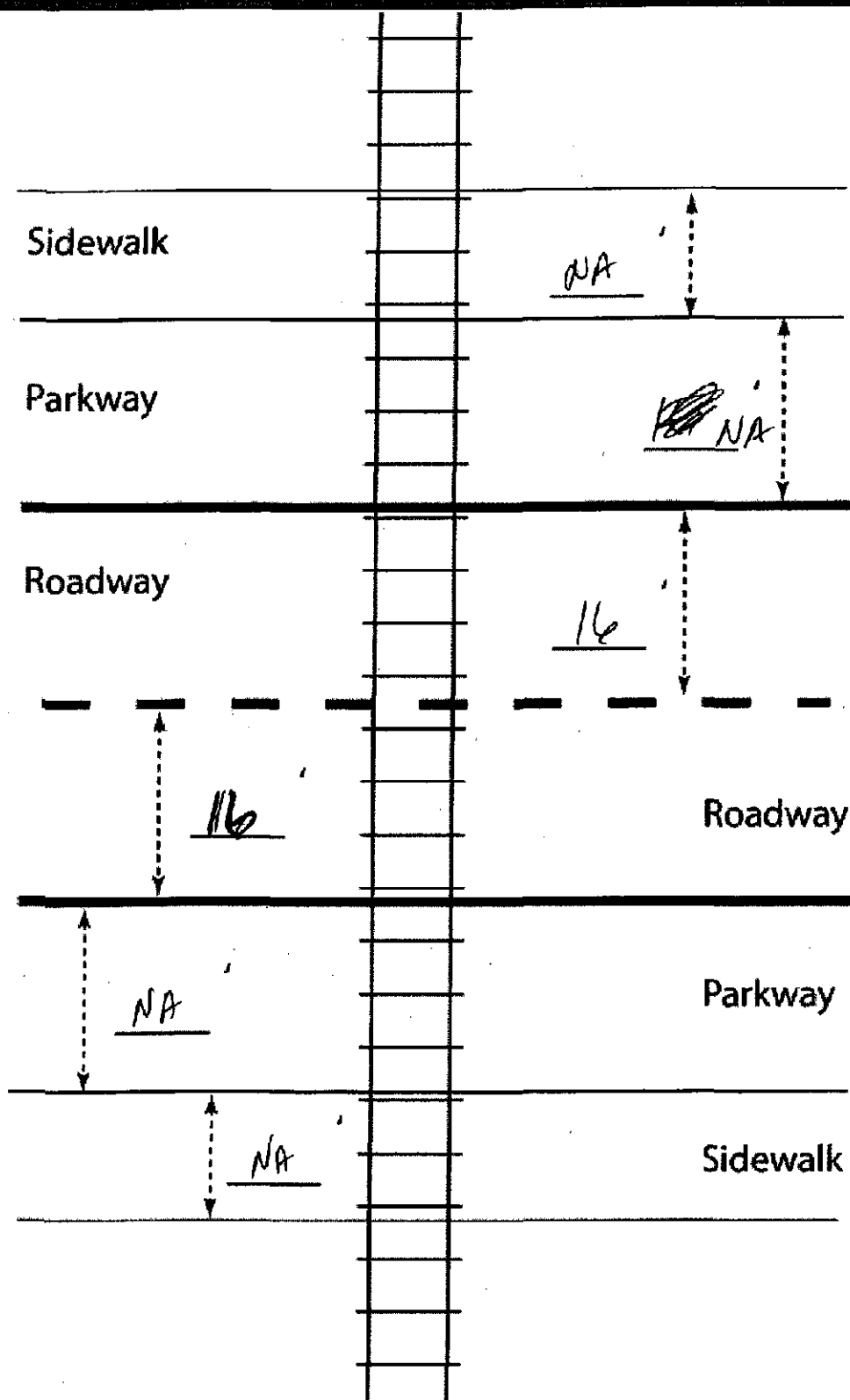
What other utilities are present? UNKNOWN

Is there potential utility conflict(s) ☐ Yes ☐ No ☒ Unknown

Diagnostic Team Recommendations

	Quadrants Needed
<input checked="" type="checkbox"/> Install/upgrade active devices	
<input type="checkbox"/> Automatic Flashing Lights (AFLS)	
<input type="checkbox"/> AFLS / Cants	
<input checked="" type="checkbox"/> AFLS / Gates	
<input type="checkbox"/> AFLS / Gates / Cants	
<input type="checkbox"/> Upgrade circuitry	
<input type="checkbox"/> Sidelights	
<input type="checkbox"/> Guardrail Needed	
<input type="checkbox"/> Install/Replace curb	
<input type="checkbox"/> Other (define)	
Comments:	
<input type="checkbox"/> Install/upgrade traffic signal preemption	
<input type="checkbox"/> No improvements needed	
<input checked="" type="checkbox"/> Other (define)	POSSIBLE STAND ALONE MAST MOUNTED LIGHTS SE QUAD
SIGNAL HOUSE W1-DIRECTIONAL ON 3 SIDE, BL-DIRECTIONAL MAIN	

Field Dimensions

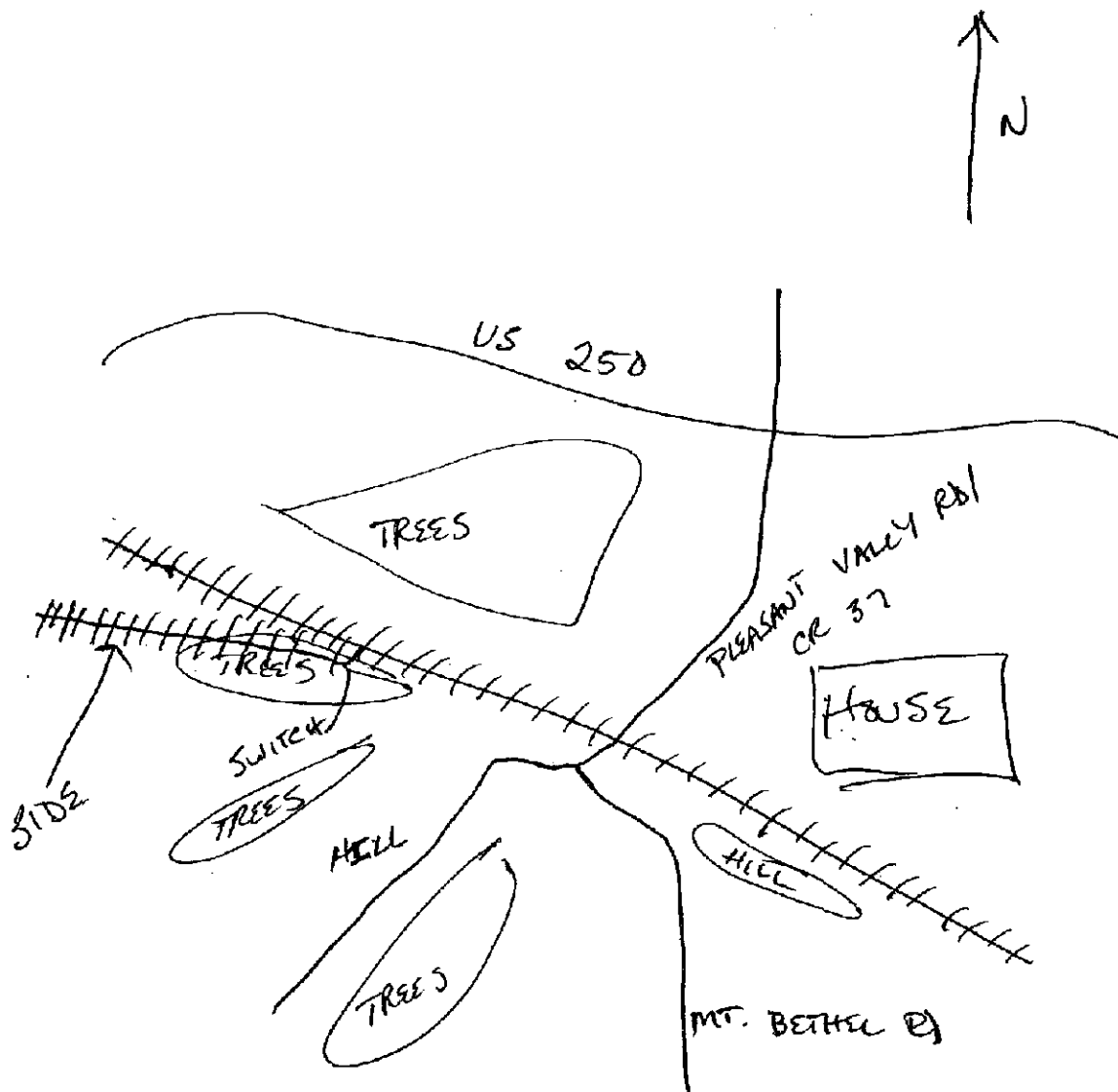


Show North Direction

Crossing Angle ☐ 0-29° ☐ 30-59° ☒ 60-90° Measured in SW Quadrant?

Measurements by: BM

Field Sketch



Crossing Angle ☐ 0-29° ☐ 30-59° ☒ 60-90° Measured in SE Quadrant?

Sketch by Gm

TABLE 1

Clearing Sight Distances

Maximum Authorized Train Speed	Distance (dT) Along Railroad from Crossing (ft)
1 - 10	240
15	360
20	480
25	600
30	720
35	840
40	960
45	1080
50	1200
55	1320
60	1440
65	1560
70	1680
75	1800
80	1920
85	2040
90	2160

Source: R-H Grade Crossing Handbook Table 36 (pp. 132-133)

Notes:

All calculated distances are rounded up to the next higher 5-foot increment.

Distances indicated are for 65-ft double bottom semi-tractor trailers and level single track 90 degree crossings; and may need to be adjusted for multiple tracks, skewed crossings or approaches on grades.

Clearing Sight Distance is to be measured in each vehicle travel direction at non-gated crossings as viewed from a point 25 feet from centerline of nearest track in the center of whichever travel lane is nearest the direction along track being measured.

Table 2

Stopping Sight Distances

Highway Vehicle Speed	Distance (dH) Along Roadway from Crossing (ft)
0	n/a
5	50
10	70
15	105
20	135
25	180
30	225
35	280
40	340
45	410
50	490
55	570
60	660
65	760
70	865

Source: R-H Grade Crossing Handbook Table 36 (pp. 132-133)

Notes:

All calculated distances are rounded up to the next higher 5-foot increment.

Distances indicated are for 65-ft double bottom semi-tractor trailers on dry level pavements.

Stopping Sight Distance is to be measured on each roadway approach to crossing from stop bar.

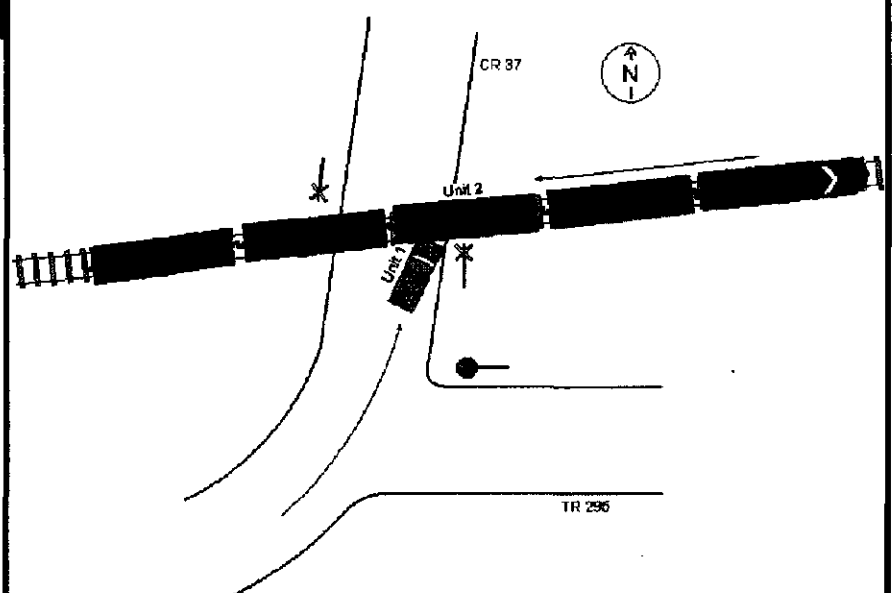


Traffic Crash Report

Local Report # 79-0096-79	Crash Severity PDO	Private Property N	Hit/Skip Not Hit/Skip	Photos Taken Y	NCIC # OHP79
Reporting Agency OHIO STATE HIGHWAY P	# Units 2	Unit Error 1	Date and Time of Crash 1/15/2009 7:30:00 PM		
Day of Week THU	City Village Township Township	Name (of City, Village or Township) Union	County # 79	Latitude 40 23 52.36	Longitude 81 17 37.40
Crash Occurred On Prefix 0037			Type Loc Numbered Route		
At / Reference Dist Reference N Prefix Reference TR0295			Ref Point Intersection 2 Streets		

Type of Intersection Railway Grade Crossing	Occurrence On Roadway	Road Contour Curve Level	Road Conditions Primary Snow Secondary Ice	** Secondary Road Conditions ONLY
--	--------------------------	-----------------------------	--	-----------------------------------

Police Action					
Date and Time Crash Reported 1/15/2009 8:05:00 PM	Dispatch 1/15/2009 8:05:00 PM	Arrived 1/15/2009 8:12:00 PM	Cleared 1/15/2009 10:30:00 PM	Other 40	Total Minutes 185
Officer's Name* THOMPSON, TROY	Badge #* 1303	Checked By TJTIMBERLAKE	Date Report Filed* 1/18/2009 12:00:00 AM		
Report Taken By Police Agency	Report Taken At Scene				

Manner of Collision or Impact Angle	Diagram 	
School Bus Related No		
Work Zone Related No		
Weather Cloudy		
Type of Work Zone		Workers Present
Location of Crash in Work Zone		
Light Conditions Primary Dark - Not Lighted Secondary Unknown		

Narrative UNIT #1 WAS NORTHBOUND ON CR 37. UNIT #2 WAS BACKING ON THE RAILROAD TRACKS HOOKING UP TO OTHER FREIGHT CARS. UNIT #1 LOST CONTROL OF THE VEHICLE ON THE SNOW COVERED ROADWAY AND STRUCK UNIT #2.
--

Traffic Crash Report

Unit # 1	Owner First WILLIAM	Owner Middle E	Owner Last LLOYD	LP State OH	LP # DU46WY
Owner Address 124 PORT SE LN		Owner City NEW PHILADELPHI	Owner State OH	Owner Zip 44663	Owner Phone # 3303394766
Year 1994		Make DODG	Model DAK	Color	VIN
Insurance Company NATIONWIDE		In Emergency Response Unknown	Speed Detected Stated	Speed 20	Posted Speed 55
Non-Motorist Location UnKnown		Action Striking	Towing Service OHIO VALLEY TOWING	Damage Scale Disabling Damage	Direction South
Type of Unit Pickup		Point of Impact Center Front	Most Damaged Area Center Front	Vehicle Defect	
Pre-Crash Actions Movements Essentially Straight Ahead		Striking Vehicle O/U No Underride or Override	Contributing Circumstances Followed Too Closely/ACDA	First Harmful Event 1	Most Harmful Event 1
Traffic Control Railroad Crossbucks		Sequence of Events 1 Railway Vehicle	Sequence of Events 2 Unknown	Sequence of Events 3 Unknown	Sequence of Events 4 Unknown
Company (From Shipping Papers)		Company Phone	US DOT	ICC MC	PUCO
Address		City	State	Zip	
Trailer LP St.		Trailer LP Year	Trailer LP #	Placard #	# DIA.
Cargo Body Type Not Applicable		CDL Class	Weight (GVWR)	Haz Material Placard Unknown	Haz Material Release Not Applicable

Unit # 1	First William	Middle E	Last Lloyd	Type Driver
Address 124 PORT SE LN		City NEW PHILADELPHI	State OH	Zip 44663
Date of Birth 11/27/1955		Age 53	Sex M	Home Phone # 3303394766
DL State OH		DL # RG074356	Offense Charged 4511.21A	Injured Taken By None
Seating Position Front Left (MC Driver)		Ejection Not Ejected	Offense Description NO PERSON SHALL OPER	Citation # Y405009
Condition Apparently Normal		Trapped Not Trapped	Safety Equipment Shoulder Lap/Belt	Air Bag Not Deployed
Alcohol Test Status None		Alcohol/Drug Suspected None	Alcohol Test Type None	Alcohol Test Result
Drug Test Status None		Drug Test Type None	Drug Test Result 1 None	Drug Test Result 2 None

Unit # 2	Owner First RAILROAD	Owner Middle	Owner Last OHIO CENTRAL	LP State NS	LP #
Owner Address 47849 PAPERMILL RD	Owner City COSHOCOTON	Owner State OH	Owner Zip 43812	Owner Phone # 7406228092	
Year 1999	Make UNK	Model UNK	Color	VIN	
Insurance Company SELF INSURED	In Emergency Response Unknown	Speed Detected Stated	Speed 15	Posted Speed 30	
Non-Motorist Location UnKnown	Action Struck	Towing Service	Damage Scale Non Functional Damage	Direction West	
Type of Unit Train	Point of Impact Load/Trailer	Most Damaged Area Load/Trailer	Vehicle Defect		
Pre-Crash Actions Backing	Striking Vehicle O/U Unknown	Contributing Circumstances None	First Harmful Event 1	Most Harmful Event 1	
Traffic Control No Controls	Sequence of Events 1 Motor Vehicle in Transport	Sequence of Events 2 Unknown	Sequence of Events 3 Unknown	Sequence of Events 4 Unknown	
Company (From Shipping Papers)	Company Phone	US DOT	ICC MC	PUCO	
Address	City	State	Zip		
Trailer LP St.	Trailer LP Year	Trailer LP #	Placard #	# DIA.	
Cargo Body Type Not Applicable	CDL Class	Weight (GVWR)	Haz Material Placard Unknown	Haz Material Release Not Applicable	

Unit # 2	First Applicable	Middle	Last Not	Type Driver
Address	City	State	Zip	
Date of Birth #Error	Age	Sex U	Home Phone #	Work Phone #
DL State	DL #	Offense Charged	Injured Taken By None	Transported By
Seating Position Other	Ejection Not Ejected	Offense Description	Air Bag Not Applicable	Citation #
Condition Apparently Normal	Trapped Not Trapped	Safety Equipment None Used	Injuries No Injury	Air Bag Switch Not Present
Alcohol Test Status None	Alcohol/Drug Suspected None	Alcohol Test Type None	Alcohol Test Result	
Drug Test Status None	Drug Test Type None	Drug Test Result 1 None	Drug Test Result 2 None	



Sorry! When printing directly from the browser your map may be incorrectly cropped. To print the entire map, try clicking the "Printer-Friendly" link at the top of your results page.

AOL | myAOL | Mail | Download the MapQuest Toolbar!

Search the Web

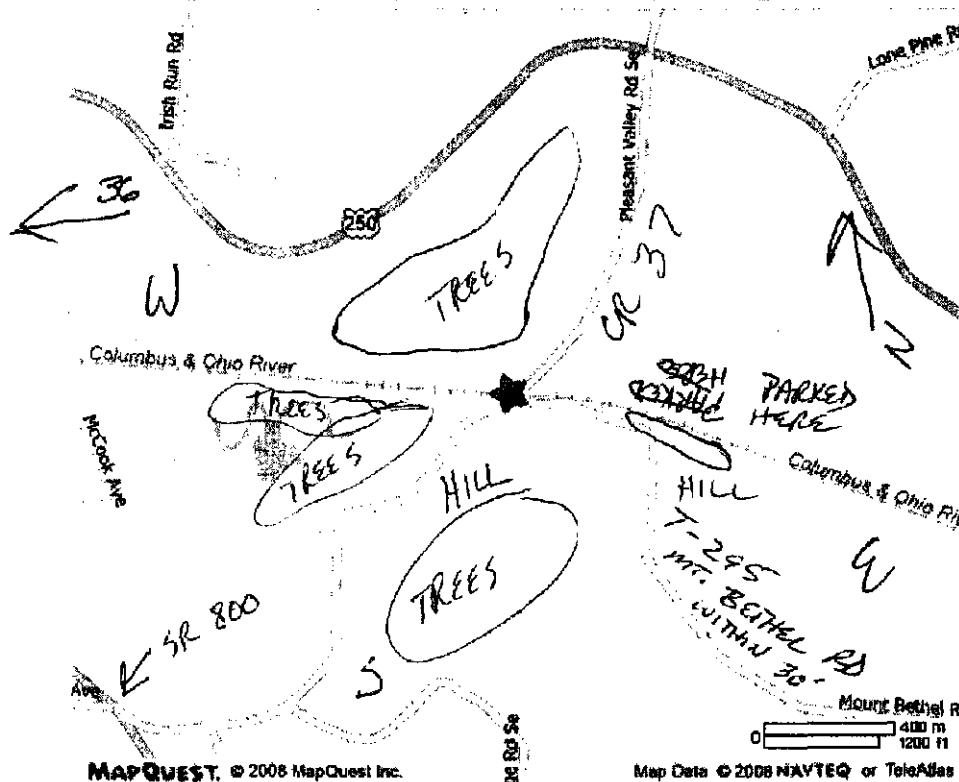


Maps Directions Yellow Pages Gas Prices

★ Latitude: 40.3980921
Longitude: -81.2934733



Sorry! When printing directly from the browser your map may be incorrectly cropped. To print the entire map, try clicking the "Printer-Friendly" link at the top of your results page.



COOK MP. 88.35
510-745 W
TUSCARAWAS
RANK 1569
5 TRAINS @ DAY
NO ACCIDENTS

~~11/24/08~~
~~10:45 AM~~
~~MONDAY~~

MAPQUEST. © 2008 MapQuest Inc.

Map Data © 2008 NAVTEQ or TeleAtlas

All rights reserved. Use Subject to License/Copyright

This map is informational only. No representation is made or warranty given as to its content. User assumes all risk of use. MapQuest and its suppliers assume no responsibility for any loss or delay resulting from such use.

70 E TO 77 N TO EXIT 65 -
TAKE 36 TO 250 - TURN RIGHT ON
PLEASANT VALLEY / CR 37

SHAWN -
330-417-2590